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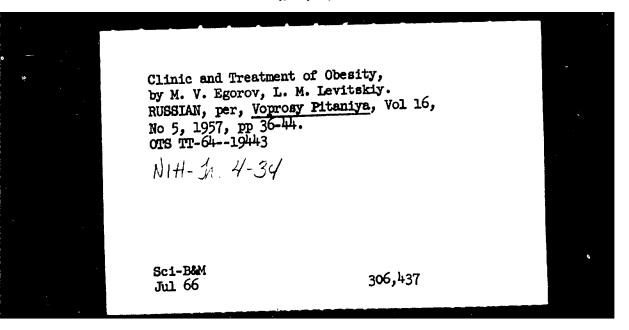
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DESCRIPTORS: Temperature, Climatic factors,
*Metabolism, *Vitamins, Thiamine, Ascorbic acid,
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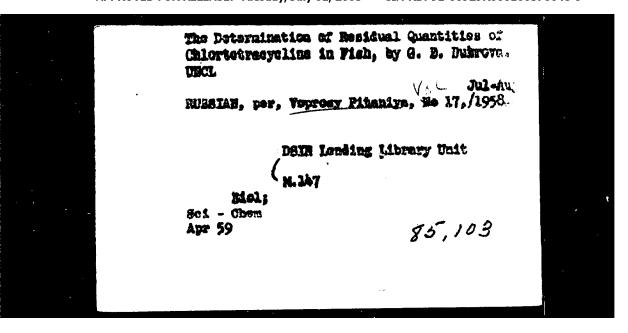
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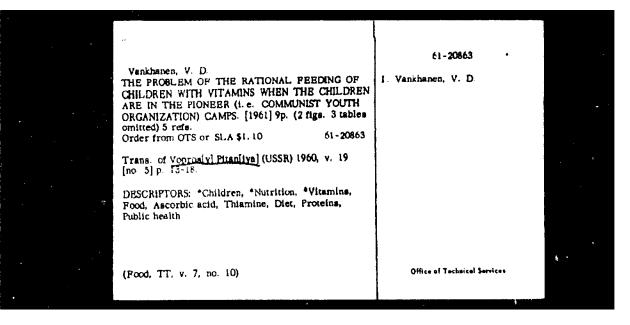
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Effectiveness

Some 151 machine operators in a large industrial plant served as experimental subjects. For 8 months
(Feb. to Oct.) the breakfasts of 76 of these subjects
were enriched with synthetic vitamins (130 mg of vitamin C, 2.5 mg of B₁, and 1.5 mg of 8₂). The
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DESCRIPTORS: *Nutrition, *Vitamins, *Patigue(physiology), Engineering personnel, Public health

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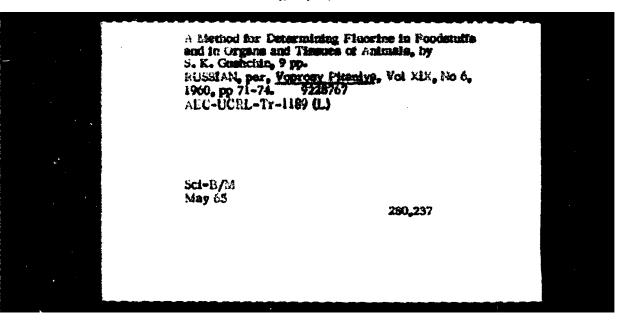
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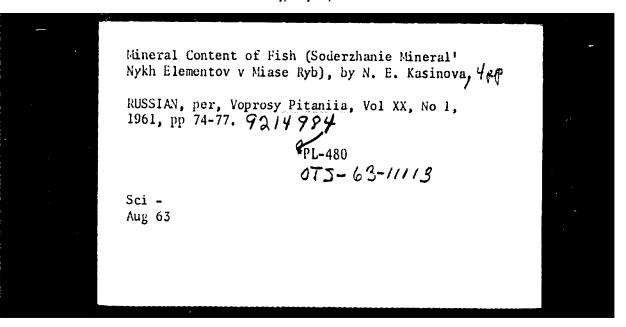
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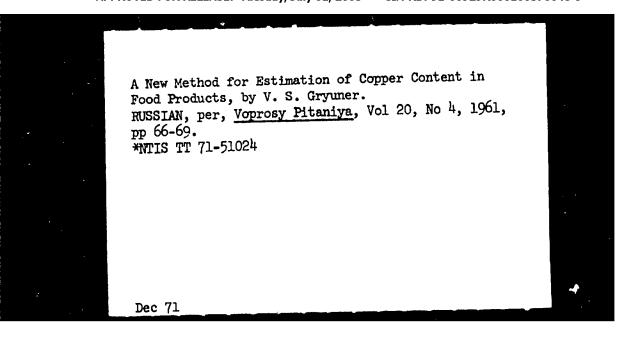
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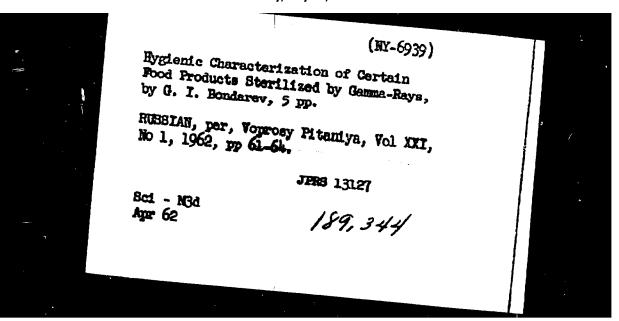
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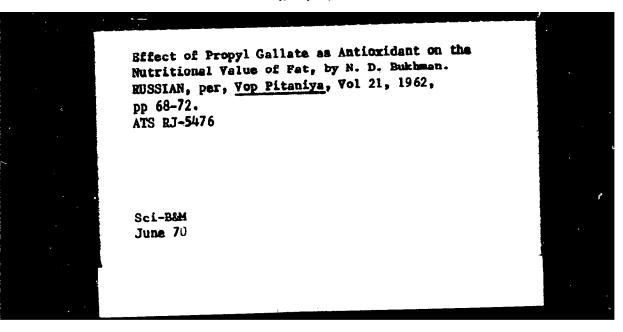
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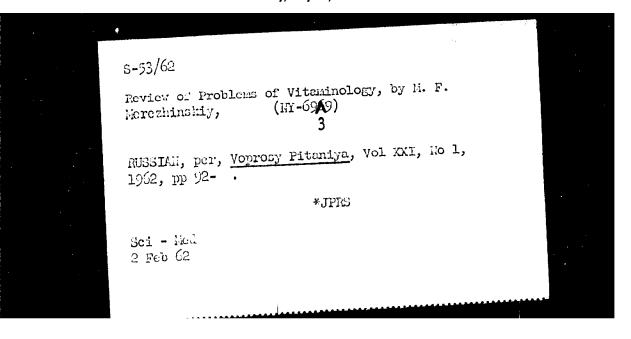
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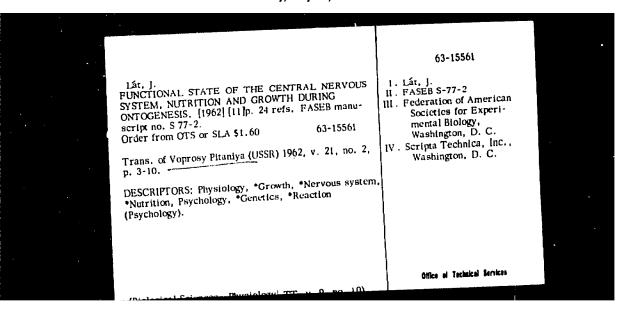
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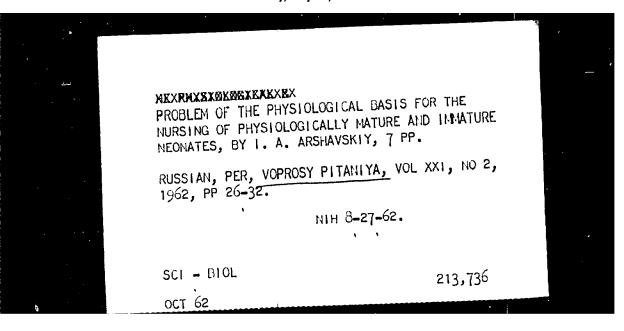
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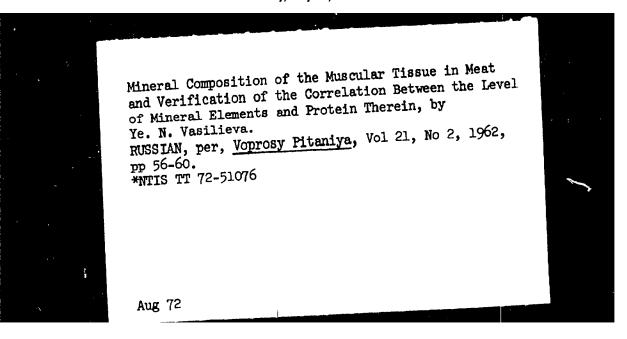
THE EFFECT OF INGESTION OF MALT EXTRACT ON BIOCHEMICAL CHANGES IN THE BLOOD OF ATHLETES AFTER COMPLETING VARIOUS KINDS OF EXERCISES, BY A. F. KRAS-NOVA, N. R. CHAGOVETS, 6 PP.

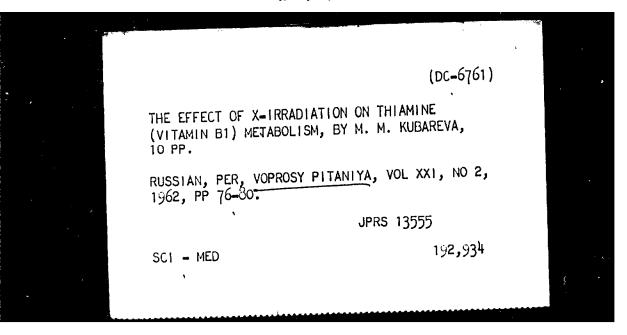
RUSSIAN, PER, VOPROSY PITANIYA, YOL XXI, NO 2, 1962, PP 37-39:

JPRS 13555

SCI - MED

L92,933





APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000100370048-9

Lipovetskaya, E. I.
THE EFFECT OF AMINAZINE ON SOME ASPECTS
OF ASCORBIC ACID AND ADRENALIN METABOLISM
IN ANIMALS CAPABLE AND INCAPABLE OF SYN-THESIZING VITAMIN C. [1962] [8]p. 8 refs. FASEB manuscript no. 5 32-2.
Order from OTS or SLA \$1.10 63-15422

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 2, p. 81-84.

DESCRIPTORS: Drugs, *Chlorpromazine, *Ascorbic acid, *Metabolism, *Epinephrine, Synthesis, Autonomic agents.

This research indicates that the metabolism of ascorbic acid and adrenalin is regulated both by the peripheral nervous system and by the higher divisions of the central nervous system. (Author) (Biological Sciences -- Physiology, TT, v. 9, no. 9)

63-15422

- I. Lipoverskaya, E. 1. II. FASEB S-32-2
- III. Federation of American Societies for Experimental Biology,
 Washington, D. C.
 IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

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CIA-RDP91-00929R000100370048-9

(DC-6939)

NEW POLYMYER MATERIALS USED FOR FOOD PACKAGING, BY S. V. GENEL, 12 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3, MAY-JUN 1962, PP 3-8.

JPRS 14836

SCI - CHEM AUG 62

10 3235/17 207,100

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Avshalumova, A. D.
DETERMINATION OF FRESTINESS OF MEAT BY THE
PARTITION CHROMATOGRAPHY ON PAPER [1962]
[11]p. 7 refs. FASEB manuscript no. S 332-2.
Order from OTS or SLA \$1.60 63-19021

Trans, of Voprosy Pitaniya (USSR) 1962, v. 21, no. 3, p. 22-28.

DESCRIPTORS: *Meat, *Chromatographic analysis, Amino acids, Ammonia, Decomposition.

A quantitative analysis of the decomposition of meat proteins is made to determine the freshness of meat after prolonged storage. The individual amino acids are studied via partition paper chromatography. The procedure is described in detail. Other analytical methods used include bacterioscopy; pH determination: reaction with CuSO4 peroxidase, and formol; and visual fluorescence. The free amino acids as seen in the chromatogram are listed. The presence of threonine and methionine are noted.

63-19021

- I. Avshalumova, A. D.
- II. FASEB S-332-2
- III. Pederation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.

(Food, TT, v. 10, no. 6) Office of Tuchelcal Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000100370048-9

Vozar, Libor.
ALUMINUM CONTENT IN AN ORDINARY DIET AND ITS BIOLOGICAL SIGNIFICANCE. [1962] [9]p.
18 refs. FASEB manuscript no. \$ 324-2.
Order from OTS or SLA \$1.10 63-19022

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21, no. 3, p. 28-31.

DESCRIPTORS: *Aluminum, *Diet, Metabolism, *Phosphorus, Food, Cooking devices,

Food products of plant origin in general contain more Al than those of animal origin. Relatively high amounts of Al were found in lentils, peas, mushrooms, and spinach; large quantitles were found in flour and rice. The commonly used vegetables contained less Al, but more than fruits. Very low amounts of Al exist in meat and meat products. The largest amount of P was found in meat, and then flour; insignificant amounts were (Food, TT, v. 10, no. 6) (over)

63-19022

- 1. Vozar, L.
- II. FASEB S-324-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000100370048-9

(DC-6939)

ADAPTATION C: ANIMAL ORGANISMS TO CONDITIONS OF VARYING INTAKE OF SATURATED AND NON-SATURATED FATTY ACIDS, BY M. F. MEREZHINSKIY, S.M. NIKITINA, 7 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3, MAY/JUN 1962, PP 38-40.

UPRS 14836

SCI - CHEM AUG 62

207,101

(DC-6939)

SECRETION OF PANCREATIC ENZYMES AT HIGH TEMPERATURE IN RESPONSE TO VARIOUS FOOD STIMULANTS, BY YU. A. SHCHERBAKOV, 9 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3, MAY/JUN 1962, PP 61-66.

UPRS 14836

SCI - CHEM

AUG 62

207,102

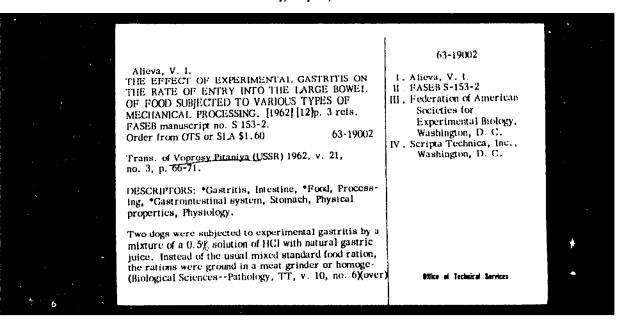


TABLE R OF CONTENTS OF PROBLEMS ON NUTRITION, 5 PP.

RUSSIAN, BK, VOPROSY PITANIYA, KIEV 1962.

JPRS 22493

SCI-MED DEC 63

IONITE MILK -- A NEW PRODUCT FOR FEEDING YOUNG CHILDREN, BY A. S. SKOROPOSTIZHNAYA, O. N. YAKOVLEVA, ET AL, 5 PP.

RUSSIAN, BK, VOPROSY PITANIYA, KIEV, 1962, PP 78-81.

JPRS 22493

SCI-MED DEC 63

244,836

Greben'hov, S. G.

THE EFFECT OF VITAMEN C DEFICIENCY ON THE URINARY EXCRETION OF CREATINE AND CREATINE. [1963] [8]p. PASEB manuscript so. \$364-2. III. Federation of American Order from CTS or SLA \$1.09 A3-23028 Societies for Experimental Biology.

Trans. of Voyrosy Pitautys (USSR) 1962, v. 21, mo. 3. Washington, D. C. p. 80-81. V. Scripta Feelmica, Inc.

DESCRIPTORS: *Ascorbic acid, *Creatine, *Creatinise, Urine, Excretion, Diagnosis, Defictency diseases.

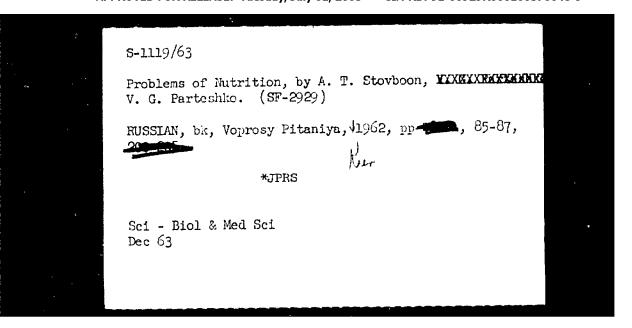
The value of urinary excretion of creatine and croarining as an indicator of vitamin C deficiency was evaluated. The 24 hour urinary excretion of 35 farm workers was analyzed. The study was done in the spring and summer. The workers ranged in age from 17 to 40. They had so clinical resultestation of vitamin (Biological Sciences -- Pathology, TT, v. 10, ao, 9) (over) 63-23028

- mental Biology,
- Washington, D. C.

Office of Toronical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000100370048-9



(DC-6939)

SOME DATA ON THE NATURAL RADIOACTIVITY OF FOOD PRODUCTS, BY N. N. &X GRIGOR YANTS, 4 PP.

RUSSIAN, PER, VOPROSY PITANIYA, VOL XXI, NO 3, MAY/JUN 1962, PP 89, 90.

JPRS 14836

SCI - CHEM

OTS 17-63-23900

AUG 62

207,103

The Effects of Nervous Tension on the Requirement of the Organism for Cartain Vitamins, XI by G. A. Arutyunov, I. I. Antuf'yev, 11 pp.

RUBSIAN, per, Voprosy Pitanya, Vol XXI, No 4, 1962, pp 3-10.

JES 15427

Bc1 - Med Oct 62 212,476

APPROVED FOR RELEASE: Tuesday, July 01, 2003

CIA-RDP91-00929R000100370048-9

63-15988 Potilie, N. I. and Starttslaya, L. N. EFFECT OF VARIOUS DIETS ON GASTRIC SE-CRETION WITH LONG INTERVALS BETWEEN MILALS I. Putilin, N. I. H. Staritskaya, L. N. AND WHEN MEALS ARE TAKEN HAPHAZARDLY. [1962] [11]p. 4 refs. FASEB manuscript no. \$ 83-2. III. FASEB S-83-2 IV. Federation of American Order from OTS or SLA \$1.60 63-15988 Societies for Experimental Biology, Washington, D. C. V. Scripta Technica, Inc., frans, of Voprosy Pitaniya (USSR) 1962, v. 21, no. 4, p. $\overline{25-30}$. Washington, D. C. DESCRIPTORS: *Diet, *Gastrointestinal system, Stomach, *Secretion, Starvation. The effect of feeding patterns, long intervals between meals, and a haphazard arrangement of meals on gastric secretion was studied. Long intervals between meals resulted in a lower level of secretion and lower volume, digestive power, and acidity of the gastric juice due to the uneven strain on the stomach's functioning and its subsequent disturbances. Other Office of Technical Services (Food, Pf, v. 10, no. 6) (over)

The Application of Protein Hydrolyzate in Certain Diseases of the Digestive Organs by the Order of Lenin Institute of Blood Transfusions, by V. A. Gleneva, H. M. Gruzdeva, 4 pp.

RUBSIAN, per, Vonrosy Pitanya, Vol XXI, No 4, 1962, pp 42-45.

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